

Knight/Jacobs Joint Venture
Matster Agreement No. 4600000006
ISSUED UNDER PRIME CONTRACT NO. DE-AC05-00OR22725
Target General Construction
Request for Proposal No. F5-2681-RFP02-1044
Amendment No. 5- Attachment A Questions and Responses

Target Building - Electrical bid documents

Drawing	Equipment Name	CKT #	Conflict / Query / Comment /	(Designates KJJV Response)
E0.00.01	Riser Diagram sect	-	The dashed line symbol is not coordinated with a dissimilar dashed line on the Single Line drawings. Response: (All dashed equipment connected with dashed feeder is future equipment. Transformers supplying future panels appear solid, but are also future equipment)	
		-	Clarify symbol for future equipment (Dashed line)	
		-	Clarify symbol for equipment F.B.O.	
E0.00.02		-	(There is no symbol for equipment furnished by others. "CMFE" is identified in Part 2 of the specifications) Provide definition for IS (abbrev is used on Single Line drawings) (' IS' is for Isolation Switch)	
E2.10.30	TA-SG-SS1	-	TA-SG-SS1 is identified on plan view drawing and Panel Schedule as TA-1SG1 (It should be TA-SG-SS1. Panel Schedule and plan will be corrected)	
E2.10.30	TA-DP2	13	The symbol for the outlet is missing. (Welding receptacle for cir#13 is shown on the single line diagram)	
E2.10.30		13	Cannot locate this item on the plan view. (Beam line 5TD plans are not available)	
E2.10.30		13	Cannot find this item on the Panel Schedules. (Will be added to TA-1DP2 schedule)	
E2.10.30		14	The feeder to the Xfmer is in conflict (It should be TA-28)	
E2.10.30		14	The feeder from the Xfmer is not labeled. (It is TA-15. Will be shown)	
E2.10.30		14	Cannot locate TA-1T26 on this feeder. (Beam line 5TD plans are not available)	
E2.10.30		14	Cannot locate TA-1PP13 on this feeder. (Beam line 5TD plans are not available)	
E2.10.30	TA-1UPS1	-	The Xfmer TA-1TUPS1A & feeder associated w/ TA-1UPS1 are not shown on single line drawing. (In single line diagram, all UPS components including normal and by-pass power transformers are shown as a single box with UPS input and UPS output)	
		-	The Xfmer TA-1TUPS1B & feeder associated w/ TA-1UPS1 are not shown on single line drawing. (See previous item)	
E2.10.30	TA-1UPS2	-	The Xfmer TA-1TUPS2A & feeder associated w/ TA-1UPS2 are not shown on single line drawing. (TA-1UPS2 does not exist)	
		-	The Xfmer TA-1TUPS2B & feeder associated w/ TA-1UPS2 are not shown on single line drawing. (See previous item)	
E2.10.30	TA-1DP4	7	Cannot locate TA-1T25 & Ta-1CPP13 associated with this circuit. (Beam line 5TD plans are not available)	
E2.10.30	TA-1DP5	-	Single Line drawing conflicts with Ckt 16 on the Panel Schedule for TA-1DP5. (Single line is correct. UPS by-pass input is from TA-1DP6. Panel schedules will be corrected)	
E2.10.30	TA-1DP6	-	Single Line drawing conflicts with Ckt 16 on the Panel Schedule for TA-1DP6. (See previous item)	
E2.10.31	TA-2DP2	5	TA-2T13 is shown as TA-2T14 on drawing E4.02.41. (Future equipment. Please refer to E4.02.41, Rev2. This error was corrected under DCN T5-018)	
E2.10.31	TA-2DP2	-	Single line drawing does not match Panel Schedule. (Future equipment. Panel schedule will be updated to match single line)	
E2.10.31	TA-2DP3	-	Single line drawing does not match Panel Schedule. (Future equipment. Single line will be updated to match the panel schedule)	
E2.10.31	TA-2DP4	-	Single line drawing does not match Panel Schedule. (Future equipment. Panel schedule will be updated to match single line)	
E2.10.32	TA-SG-SS3	-	TA-SG-SS3 is identified on plan view drawing and Panel Schedule as TA-3SG1 (It should be TA-SG-SS3. Panel Schedule and plan will be corrected)	
E2.10.32	TA-3PP7 & TA-3T8	-	"Future" status in conflict between Single line drawing & Panel Schedule. (TA-3PP7 and TA-3T8 are not future equipment. Panel schedule will be corrected)	
E2.10.32	TA-4MCC1	-	Named for Target Building & located in Compressor building Cannot locate TA-4MCC1 (4.16 KV MCC by others, located in the Compressor Building at the compressor skid. E4.02.51 shows 4 underground conduits stubbing at the MCC location)	
E2.10.32	TA-3L2	-	Feeder on Single line drawing conflicts with feeder shown on E4.03.49 (Both show TA-29, which is correct)	
All Plan views		-	Possible conflict "Future" status yes/no between Single line drawings & Panel Schedules. (For any conflict between single line and panel schedules, information on single line shall govern)	
E4.02.41	TA-2T14	-	Shown in two locations (one should be TA-2T13) (Future equipment. Please refer to E4.02.41, Rev2. This error was corrected under DCN T5-018)	
E4.02.44	TA-1T3	-	"Future" status in conflict between Single line drawing & Plan view drawing. (TA-1T3 is not future. Plan drawing will be corrected.)	
E4.02.46	TA-2CPP1	-	Labeled TA-2CP1 on Plan view. (Label is TA-2CPP1 On plan drawing)	
E4.02.46	TA-1TUPS2B	-	Feeder TA-1DP5-16 conflicts with Single line drawing. (Please use the latest drawings. This equipment has been deleted.)	
E4.03.42	TA-3PPE	-	Should be labeled TA-3PP3E (Will be corrected)	
E4.03.45	TA-3PPE	-	(For any conflict between single line and panel schedules, information on single line shall govern) Should be labeled TA-3PP3E (Will be corrected)	

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April 5, 2002

This following questions and responses are provided and are pertinent to bidding..

General

1. Is it correct to interpret that equipment feeders, indicated on Panel Schedules, but not shown on the electrical plan view drawings are to be included in another contract and NOT to be included in this bid? It appears that many scientific equipment items are indicated on the Panelboard Schedules and not readily shown on the E-series drawings.

Response: That is generally true . However, any conventional facility(CF) equipment/device feeders inadvertently omitted on the plan drawings will be included when identified.

2. A note on the power drawings (E4.01.44) indicates that each PPS device requires 120V power. Is it correct to interpret that all 120V wiring in cable tray and conduit to the device from the panel board will be furnished and installed by others?

Response: That is correct

Specific Issues By Drawing-

1. E2.10.30 Single Line Indicates TA-1CPP13 - cannot locate TA-1CPP13 on plan view.

Response: Beam line 5 TD plans are not available.

2. E2.10.30 Single Line Indicates TA-1PP13 - cannot locate TA-1PP13 on plan

Response: Beam line 5 TD plans are not available.

3. E2.10.30 TA-1T27 shows solid lines - dotted on plan view E4.02.41

Response: Should be solid.

4. E2.10.30 TA-1T28 shows solid lines - dotted on plan view E4.02.41

Response: Should be solid.

5. E2.10.30 WR's shown on Single Line, however, cannot locate most welding receptacles on plan views.

Response: By others, unless shown.

6. E4.02.43 TA-2DP4 should be labeled TA-1DP4

Response: Yes. Feeder tag should be

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TA-1SG1-7 & feeder tag for TA-1DP2 should be TA-1SG-4)

7. E7.02.43 TA-2DP4 should be labeled TA-1DP4

Response: Yes

8. E7.02.47 TA-1T1UPS1 should be labeled TA-1T1UPS1B

Response: Yes - Isol. Xfmr.

9. E7.02.47 TA-1T1UPS1 should be labeled TA-1T1UPS1A

Response: Yes

10. E7.02.49 TA-1T1UPS2 should be labeled TA-1T1UPS2B

Response: TA-1UPS2 has been deleted.

11. E7.02.49 TA-1T1UPS2 should be labeled TA-1T1UPS2A

Response: TA-1UPS2 has been deleted.)

Specific Issues By Topic-

1. Panel Schedule TA-1DP1 CKT 1, 5, 8, 10, 14 conflicts with Single Line (future or not future)

Response: Single line is correct. Only ckt 1 & 2 are future. Panel schedule will be corrected to match single line.

2. Panel Schedule TA-1DP1 CKT 13, 2, 4, 6, 8, 10,12 cannot locate on plan view .

Response: Welding outlets) (All welding receptacles and associated cabling, except ckt 4, are by others. Ckt 4 welding receptacle will be shown on E4.01.56 next to the panels TA-1PP2 & TA-1CPP2)

3. Panel Schedule TA-1DP2 CKT 4, 6, 8, 10,12 cannot locate on plan view

Response: (Welding outlets) (These welding receptacles and circuits are by others. For ckt 13 W/R plans are not available)

4. Panel Schedule TA-1DP3 CKT 7 conflicts with Single Line (Future or Not Future)

Response: Single line is correct. Only ckt 7 is future. Panel schedule will be corrected to match single line.

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5. Panel Schedule TA-1DP4 CKT 6, 7 conflict with Single Line
(transformer umbers duplicated)

Response: Single line is correct. Xfmr numbers per S/L. Ckt
4 & 5 are future. Panel schedule will be corrected to match single line.

6. Panel TA-3DP3A has two Panel Schedules (one with CKT #1 & one with
CKT# 1,3, 5)

Response: Panel schedule for TA-3DP3A is on E9.21.31. Where is the other?. Panel Schedule
TA-2CPP1 is labeled TA-2CP1 on plan view E4.02.46. (Panel tag will be corrected on the plan
drawing.)

7. Panel TA-1DP5 cannot locate feeders to choppers

Response: Wiring from panel to choppers by others.

8. Panel TA-1DP6 cannot locate feeders to choppers .

Response: Wiring from panel to choppers by others.

9. Panel TA-1DP7 cannot locate feeders to chopper.

Response: Wiring from panel to choppers by others .